

## IF Directorate completes JTRS Waveform Development

*by Francis L. Crumb, Information Directorate*

ROME, N.Y. — The Air Force Research Laboratory's Information Directorate has delivered a Joint Tactical Radio System (JTRS) Future Multi-Band Multi-Waveform Modular Tactical Radio (FM3TR) waveform to the JTRS Joint Program Office (JPO).

The delivery represents one of the first examples of a JTRS waveform that is software communications architecture compliant.

JPO officials will use the new waveform in international cooperative activities, which will foster adoption of the JTRS radio architecture by other friendly nations. The FM3TR waveform is typical of military anti-jam communications waveforms but has no restrictions in terms of intellectual property rights or classified information.

“Acceptance of the JTRS architecture by other nations will increase radio communications interoperability through the ability to rapidly share waveform software among allied and coalition nations,” said Richard D. Hinman, program manager in the directorate's Information Grid Division. “This is an outstanding example of transitioning software radio technology initiated at Rome to a joint acquisition program office.”

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